

Data Insights: Covid-2019 Monitor

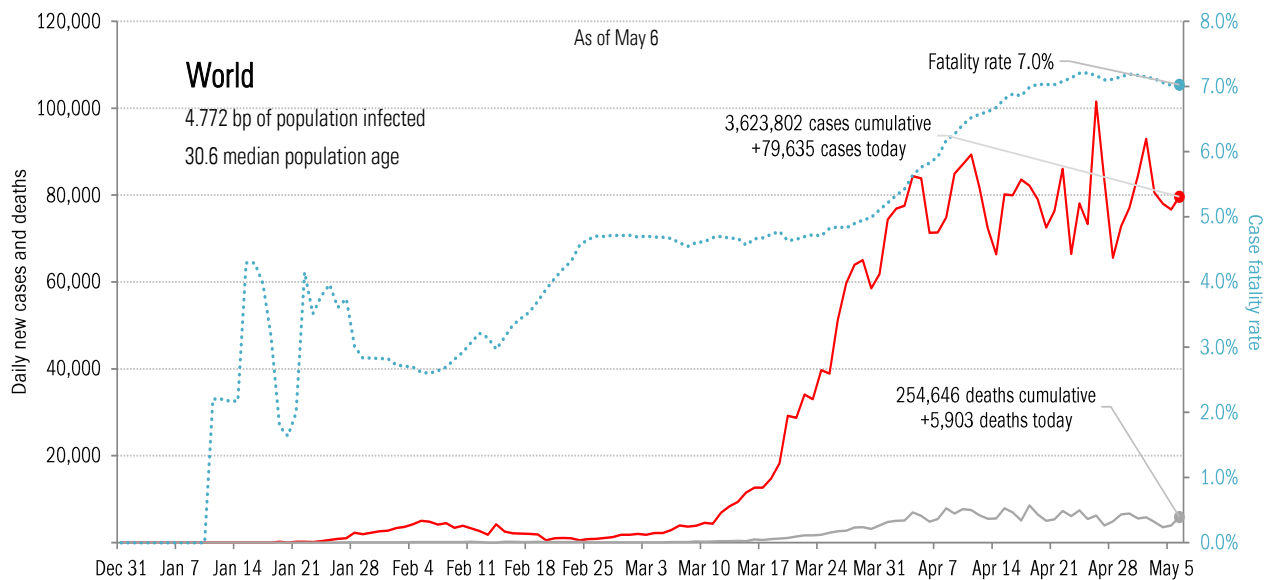
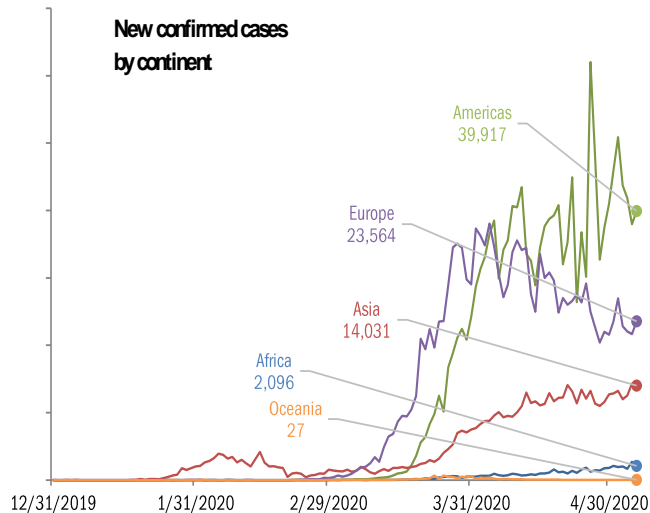
Wednesday, May 6, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+23,841	US	+2,144
Russia	+10,102	UK	+693
Brazil	+6,935	Brazil	+600
UK	+4,406	France	+330
Peru	+3,817	Italy	+236
India	+2,958	Mexico	+236
Turkey	+1,832	Canada	+189
Saudi_Arabia	+1,595	Spain	+185
Chile	+1,373	Germany	+165
Iran	+1,323	India	+126
+58,182		+4,904	
World	+79,635	World	+5,903
Top ten	73%	Top ten	83%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

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The US scorecard

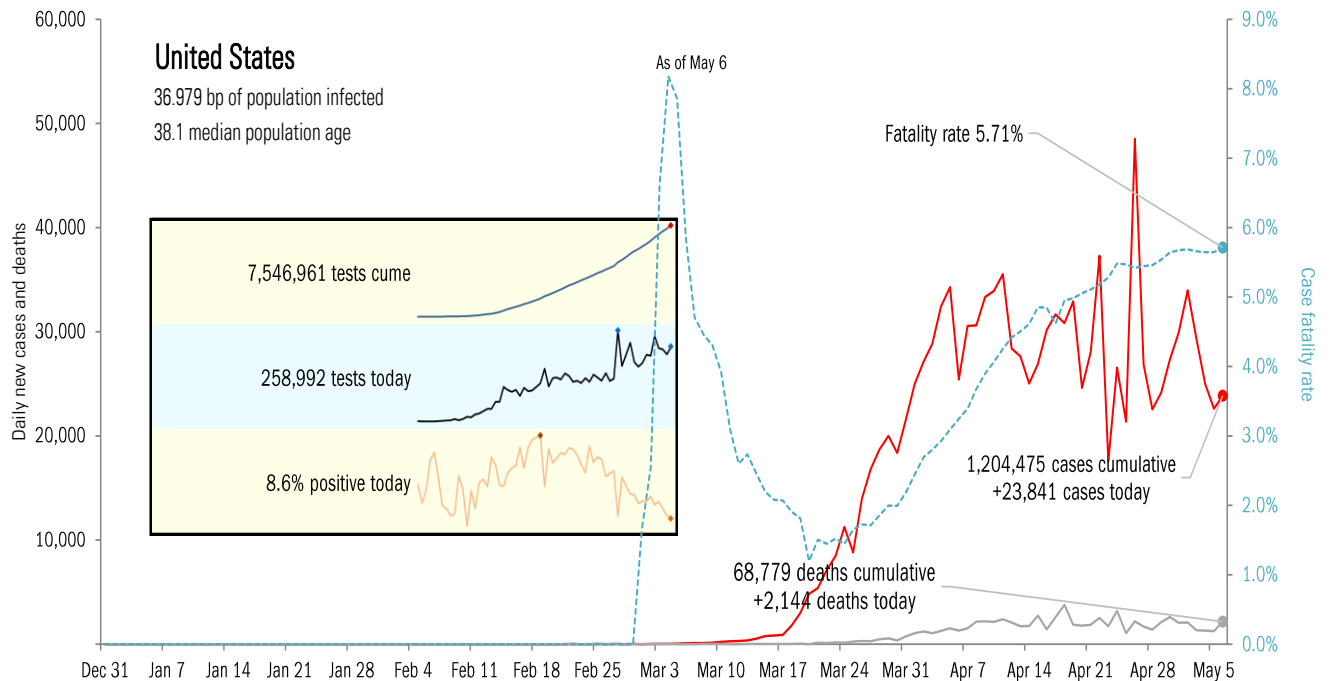
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
NJ	+2,324	PA	+554	NY	+536	NY	321,192	NY	19,645	NY	69,867
NY	+2,239	NJ	+334	FL	+217	NJ	130,593	NJ	8,244	CT	7,758
IL	+2,122	NY	+230	MA	+209	MA	70,271	MA	4,212	MA	6,831
CT	+1,334	IL	+176	OH	+147	IL	65,962	MI	4,179	FL	6,546
CA	+1,275	CT	+138	MD	+138	CA	56,212	PA	3,012	GA	5,634
MA	+1,184	MI	+130	GA	+108	PA	50,957	IL	2,838	MD	5,337
TX	+1,037	MA	+122	VA	+103	MI	44,397	CT	2,633	VA	4,113
PA	+865	FL	+113	NM	+80	FL	37,439	CA	2,317	OH	3,956
VA	+764	OH	+79	MN	+79	TX	33,369	LA	2,115	CO	2,838
MD	+709	MD	+73	AL	+43	CT	30,621	FL	1,536	WI	1,663
	+13,853		+1,949		+1,660		841,013		50,731		114,543
All states	+22,348	All states	+2,527	All states	+1,960	All states	1,195,605	All states	65,307	All states	129,357
Top ten	62%	Top ten	77%	Top ten	85%	Top ten	70%	Top ten	78%	Top ten	89%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
GA	-423	LA	-44	KY	-98	TX	+701
NE	-411	NM	-7	NY	-59	MN	+402
NY	-299	RI	-7	GA	-25	TN	+275
FL	-277	AR	-6	RI	-17	WI	+158
TN	-275	NE	-2	MD	-10	OK	+148



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

Recommended reading

[Exclusive: Government scientist Neil Ferguson resigns after breaking lockdown rules to meet his married lover](#)

Anna Mikhailova, Michael Gillard and Louisa Wells
The Telegraph
May 5, 2020

[How China's 'Bat Woman' Hunted Down Viruses from SARS to the New Coronavirus](#)

Jane Qiu
Scientific American
April 27, 2020

[Funeral Directors in COVID-19 Epicenter Doubt Legitimacy of Deaths Attributed to Pandemic, Fear Numbers are 'Padded'](#)

Project Veritas
April 30, 2020

[Data show Americans are returning to normal life whether state and local officials like it or not](#)

True Pundit
May 5, 2020

[Woodstock Occurred in the Middle of a Pandemic](#)

Jeffrey A. Tucker
American Institute for Economic Research
May 1, 2020

[New projection puts U.S. COVID-19 deaths at nearly 135,000 by August](#)

Reuters
May 4, 2020

[Exclusive: Internal Chinese report warns Beijing faces Tiananmen-like global backlash over virus](#)

Reuters
May 4, 2020

[Who pays the bill? The coming deluge of pandemic litigation](#)

Alex Barker, Kate Beioley and Jane Croft
Financial Times
May 5, 2020

Meme of the day

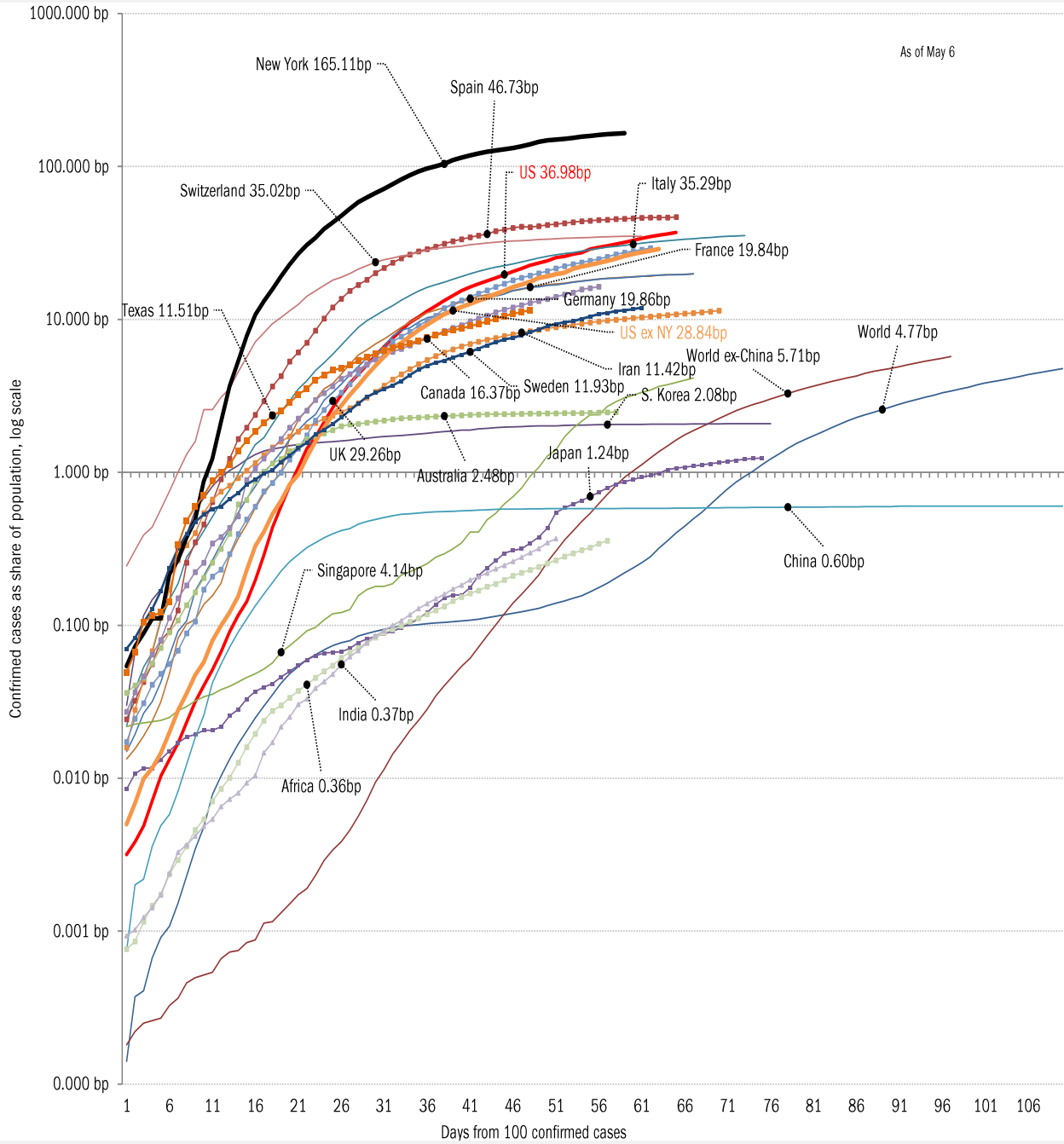
FEAR OF CORONA IS ON THE DECLINE



RELEASE THE MURDER HORNETS

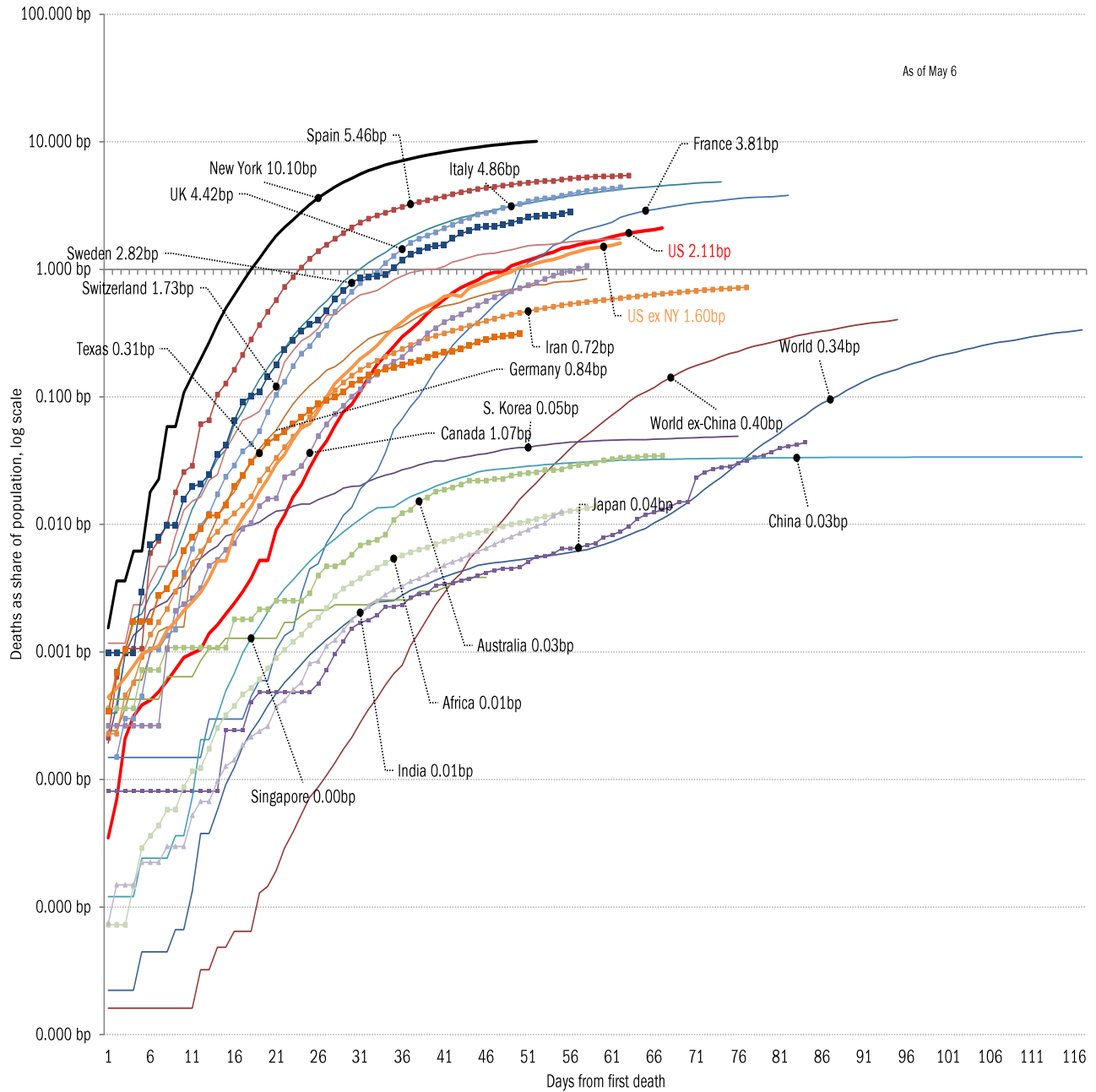
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

The coronavirus mortality accelerometer ... tracking the world's fatality curves
Share of deceased population from day of first fatality



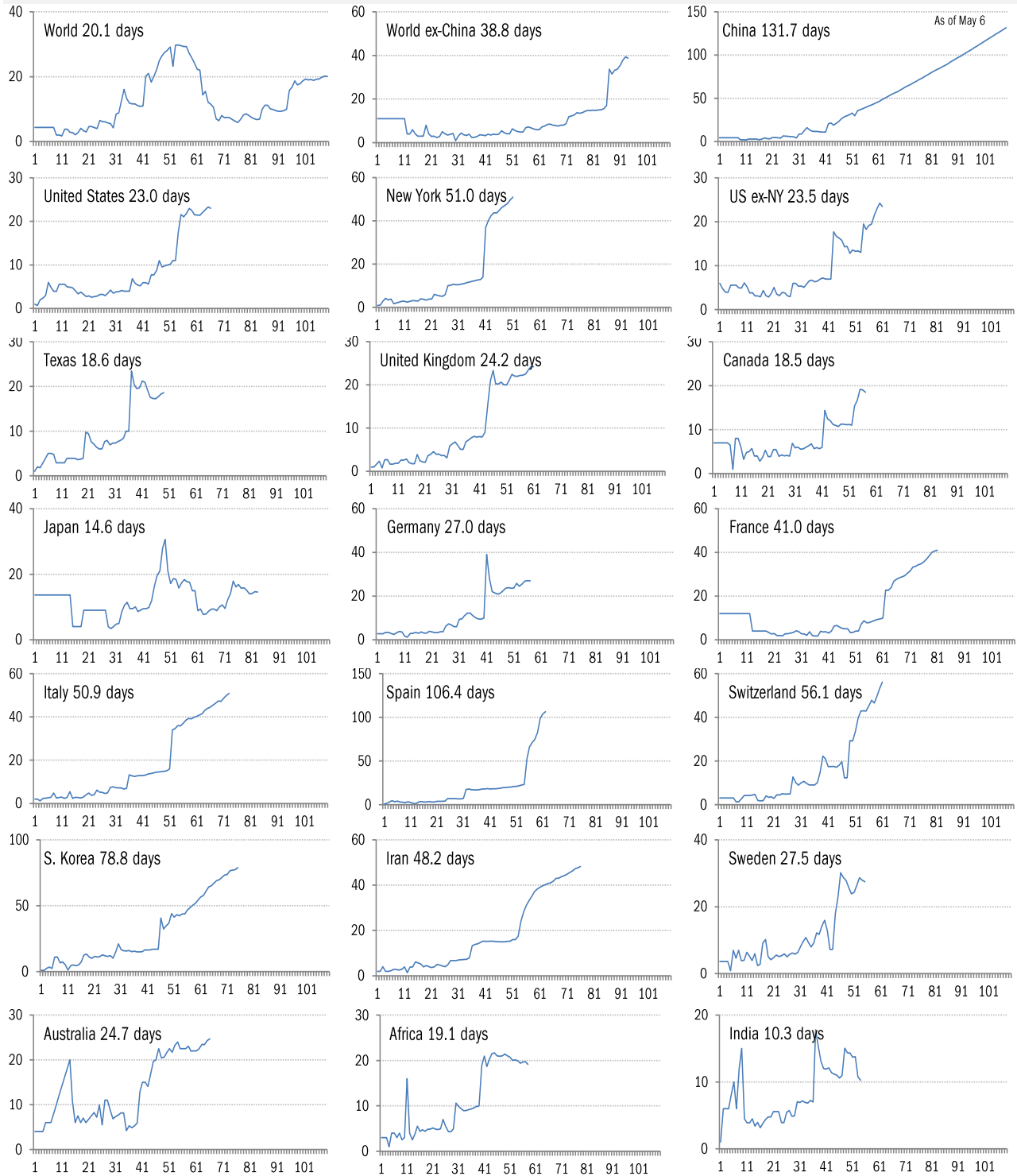
Source: [ECDC](#), TrendMacro calculations

Our most reliable evidence of slowing the Moore's law of Covid-19

Vertical: number of days it takes to double deaths Horizontal: days from first death

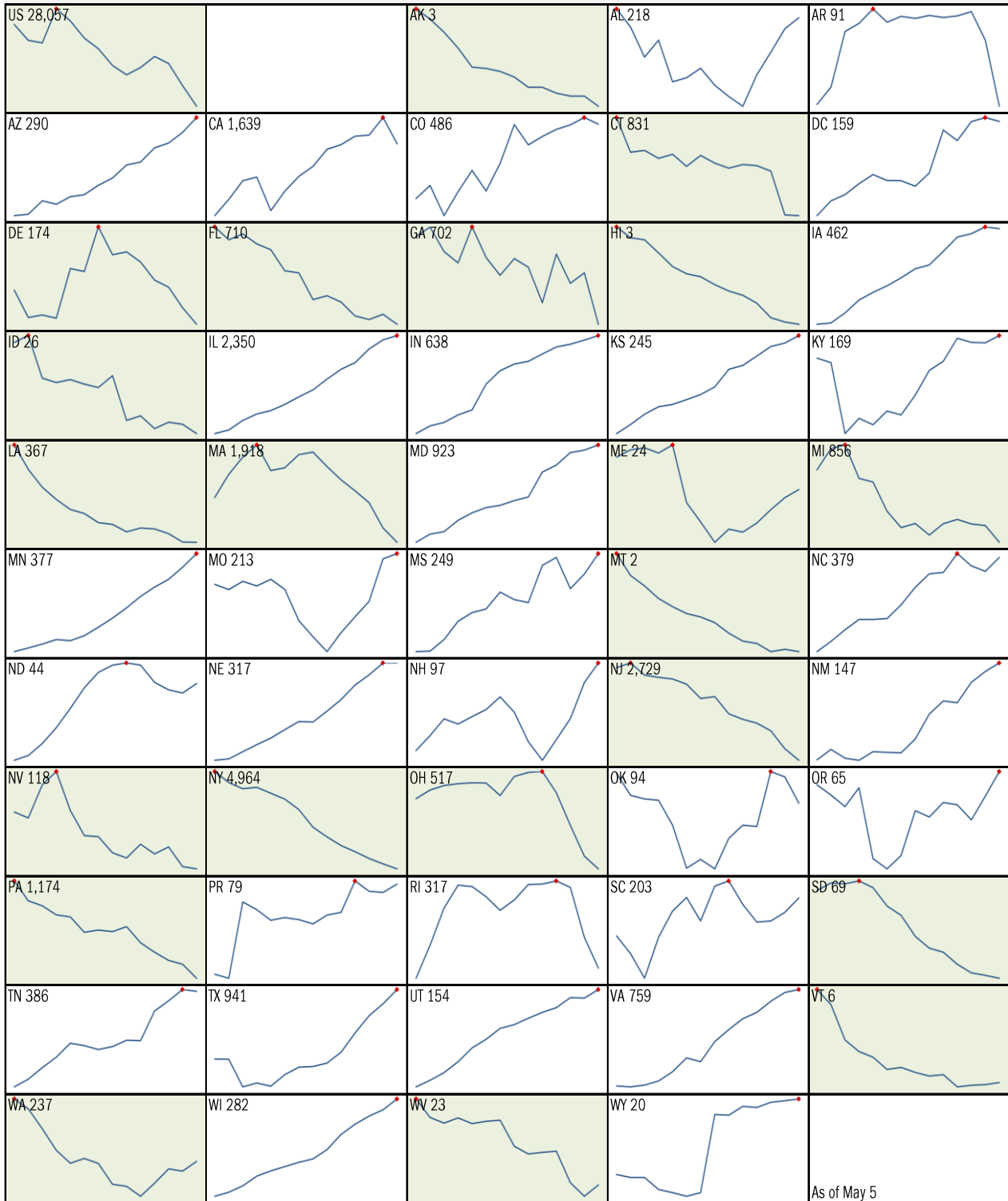
Progress means seeing the line move up and to the right. . .

Extrapolated between actual doubling points. The most anomalous extrapolations are smoothed.



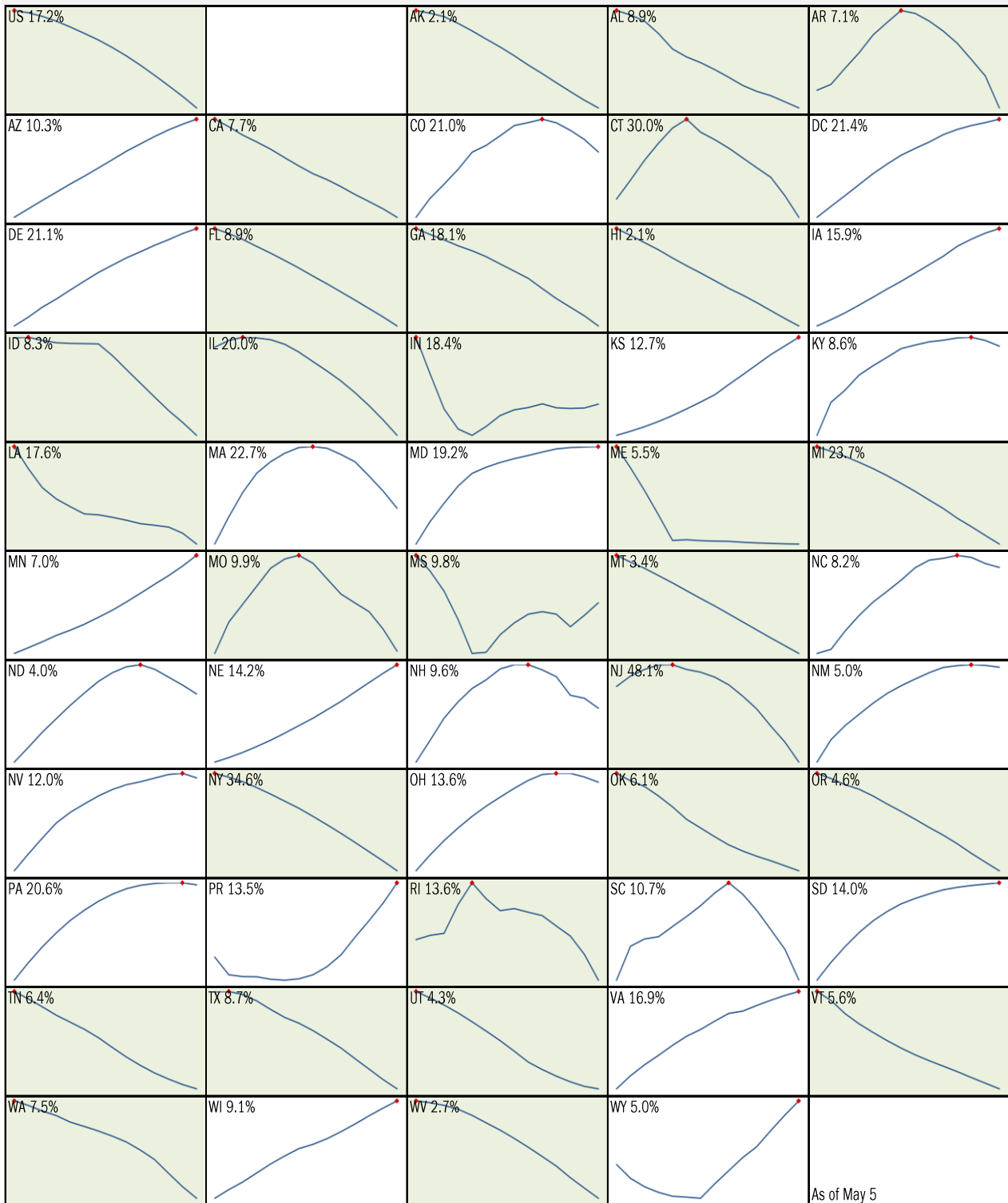
Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): ■ 14-day "downward trajectory" in new cases
 14-day moving average, last 14 days *Most recent value displayed*



Source: [Covid Tracking Project](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): ■ 14-day “downward trajectory” in pos tests
 14-day moving average, last 14 days *Most recent value displayed*



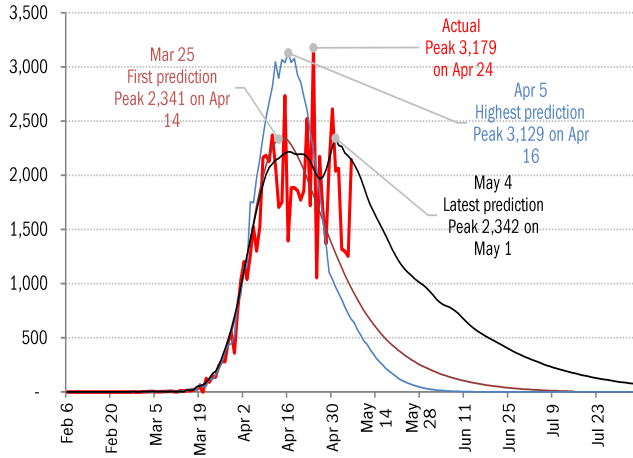
Source: [Covid Tracking Project](#), TrendMacro calculations

Reality-checking the models: actuals versus [IHME predictions](#)

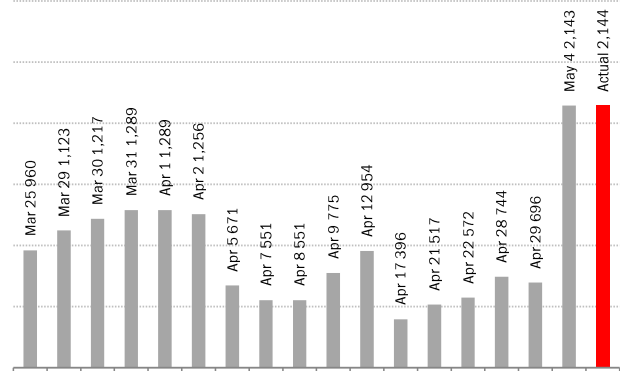
New daily fatalities

As of May 6

Actual versus first, highest and latest model mean predictions

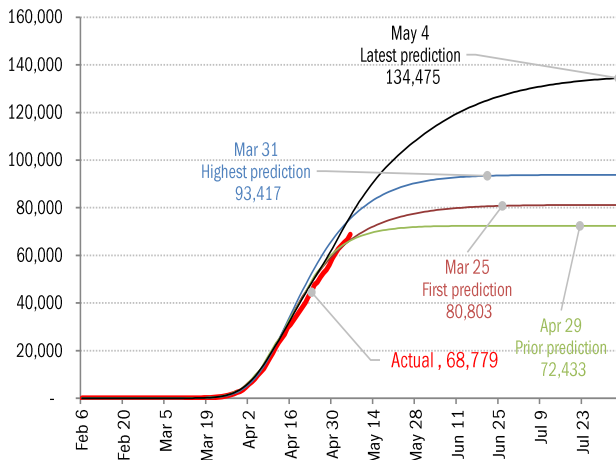


For this day, versus all model mean predictions

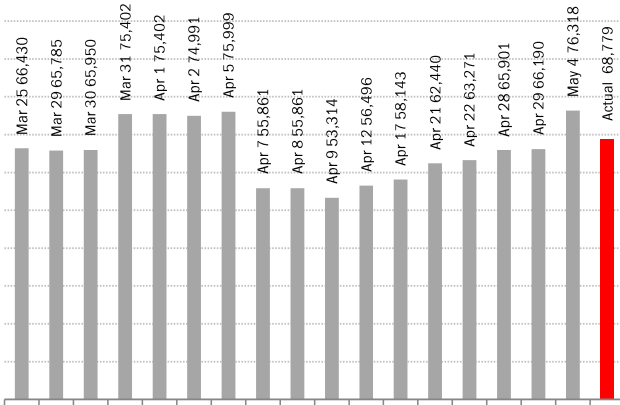


Cumulative fatalities

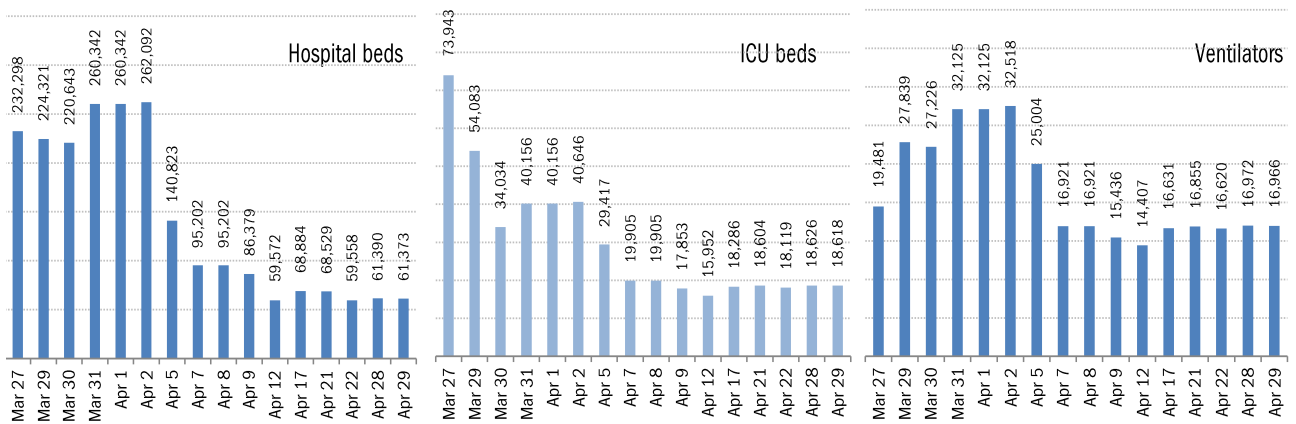
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

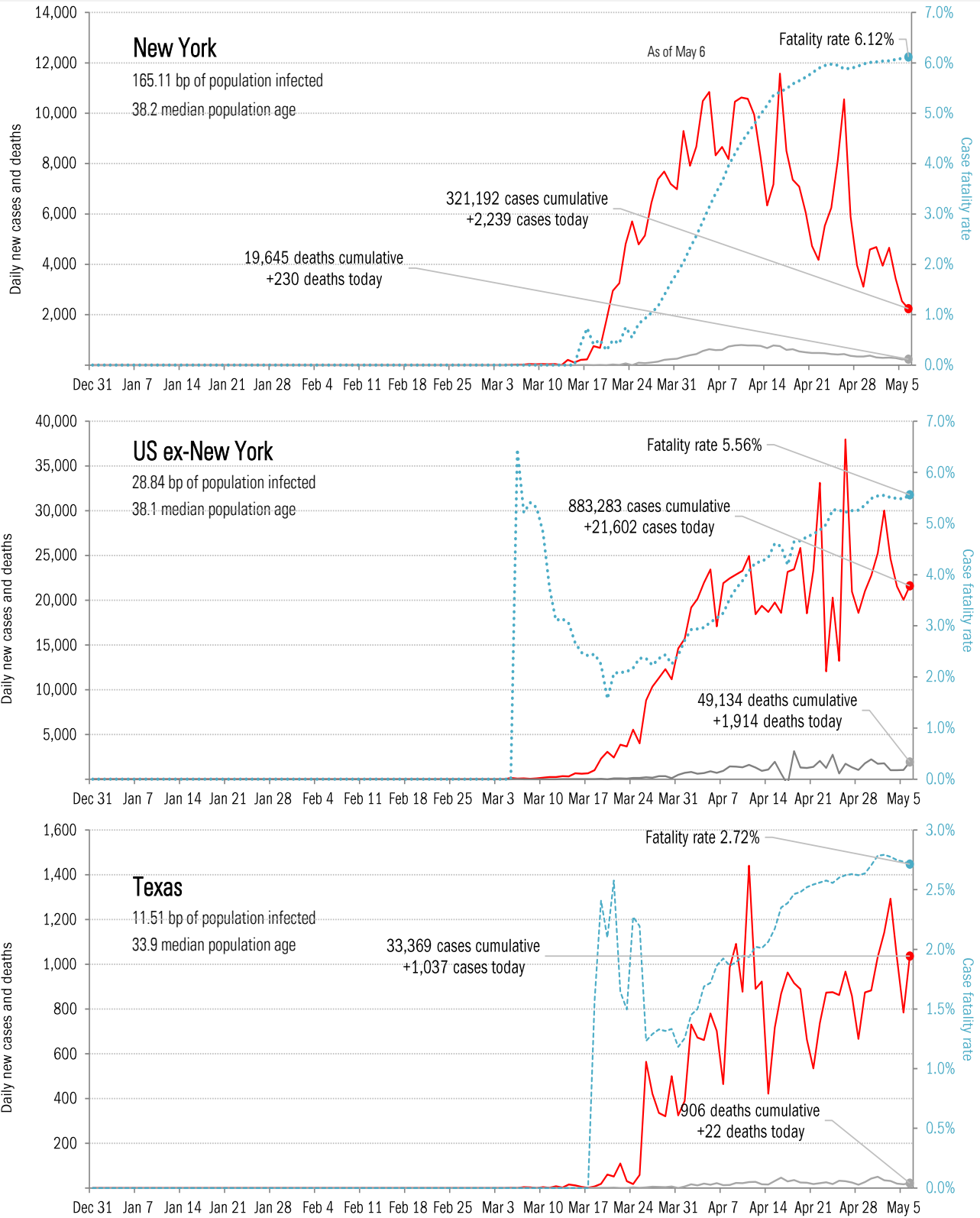


Healthcare system stress, peak estimated at each model revision



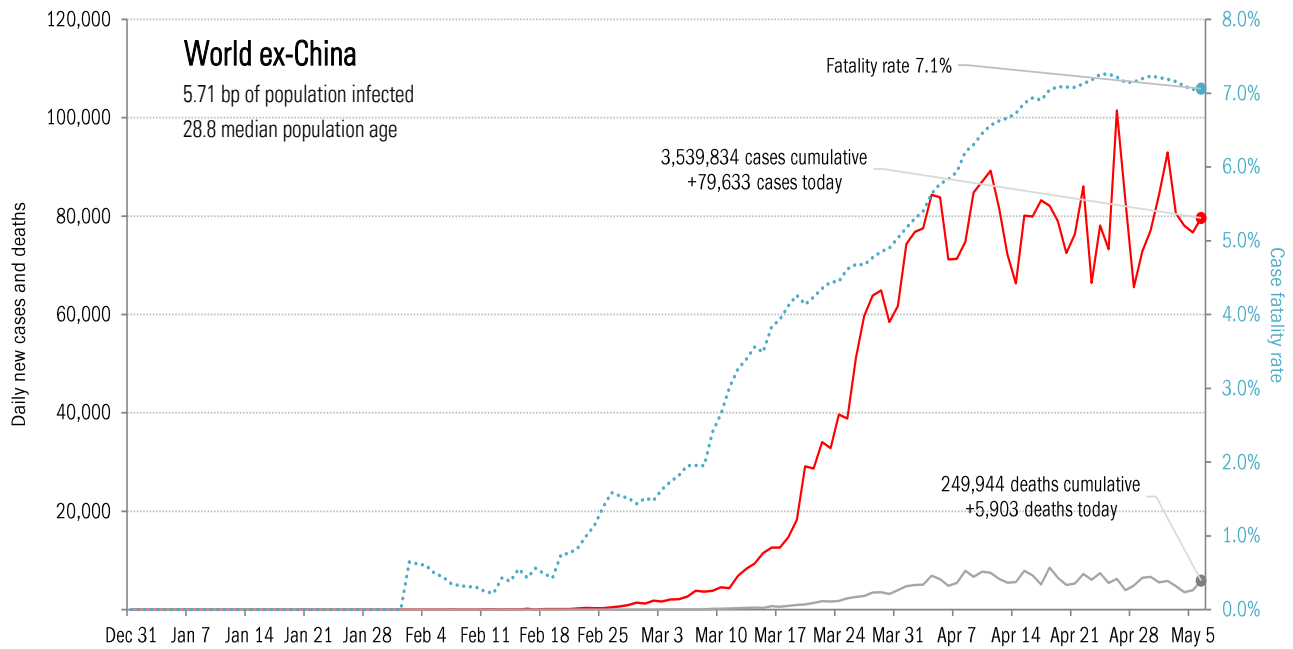
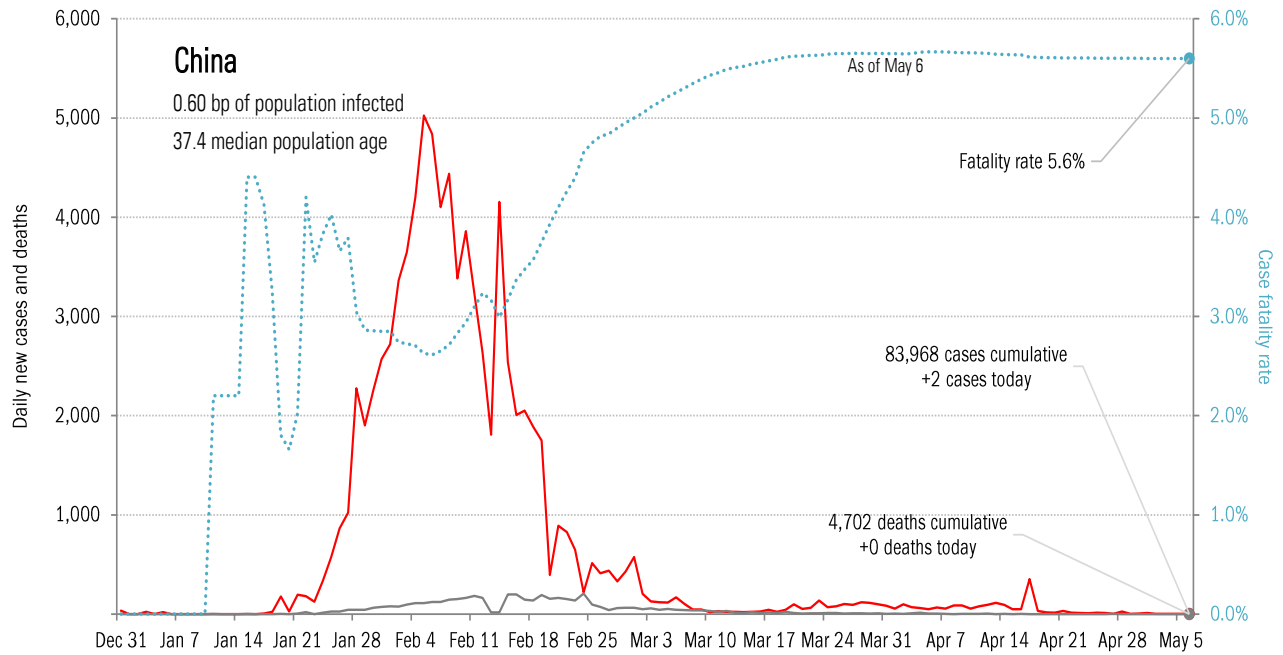
Source: [ECDC](#), TrendMacro calculations

From Ground Zero to the Rio Grande



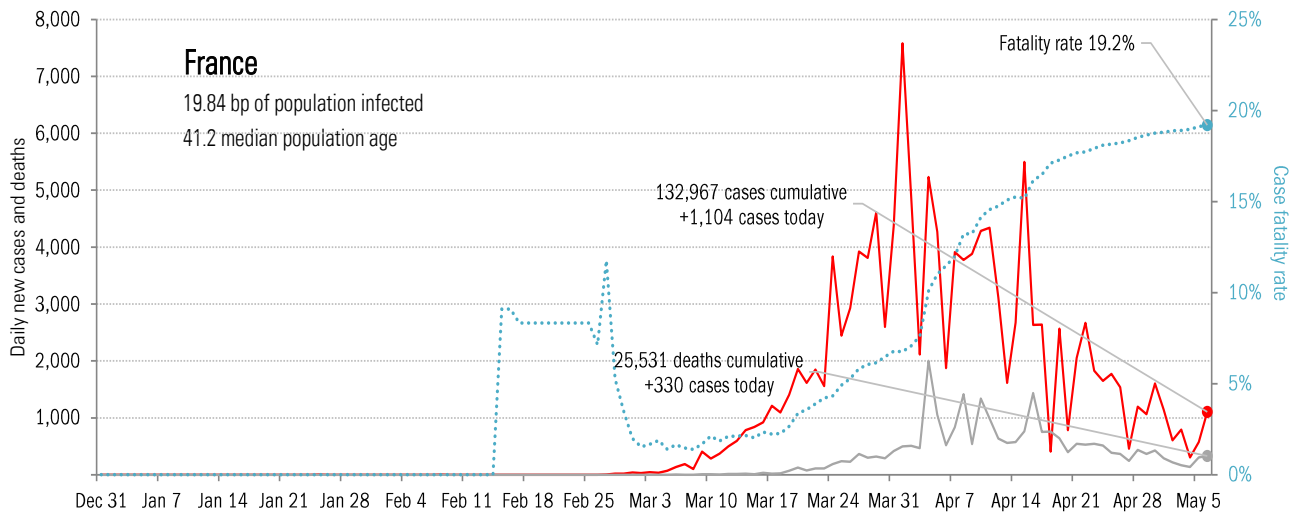
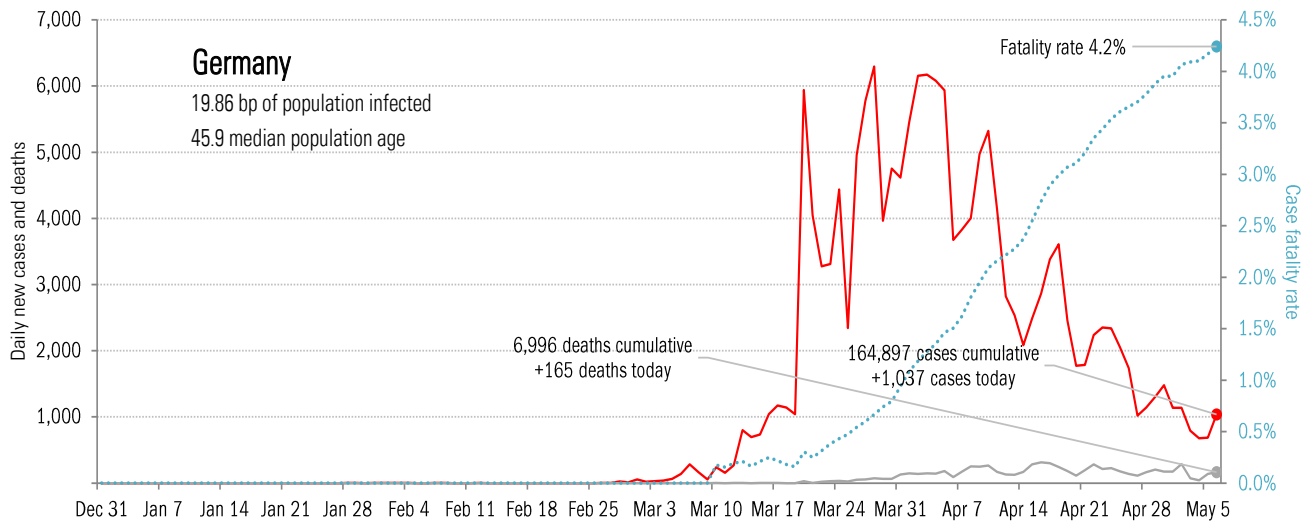
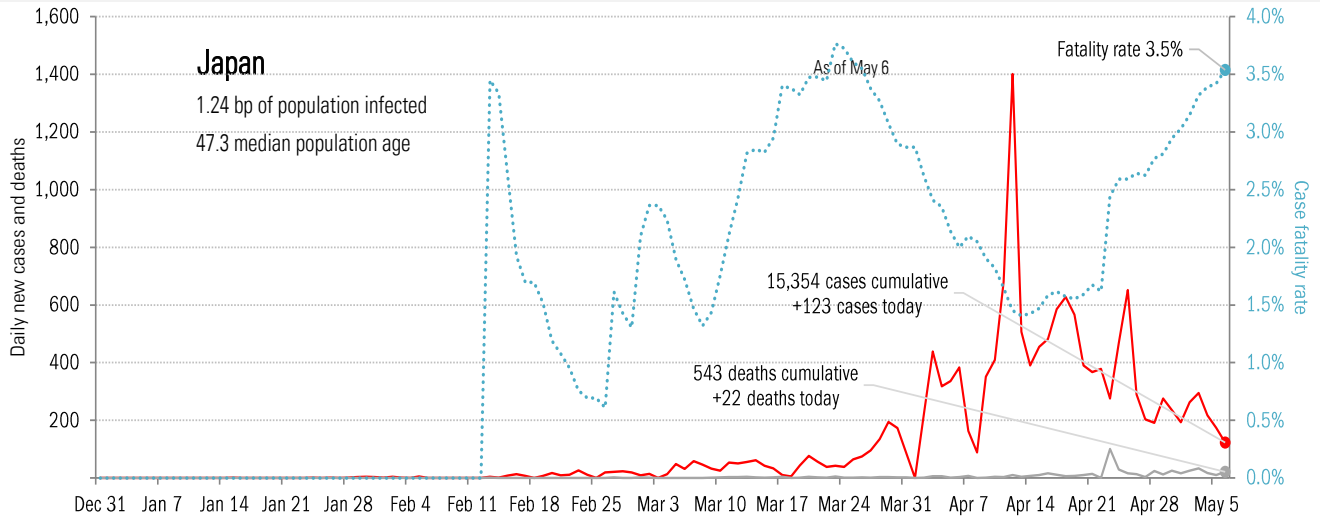
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



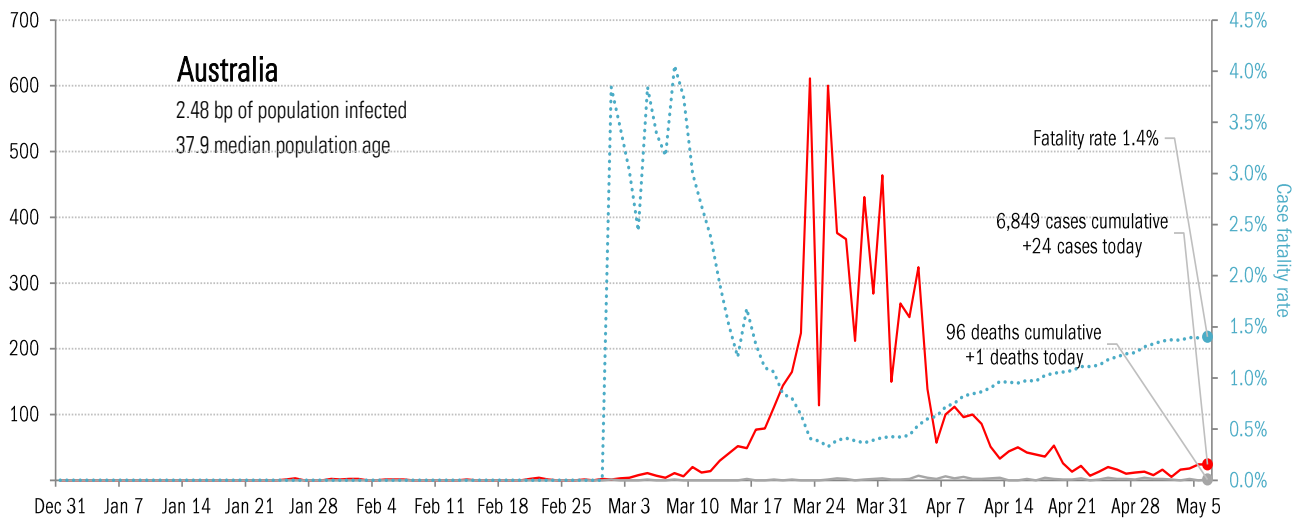
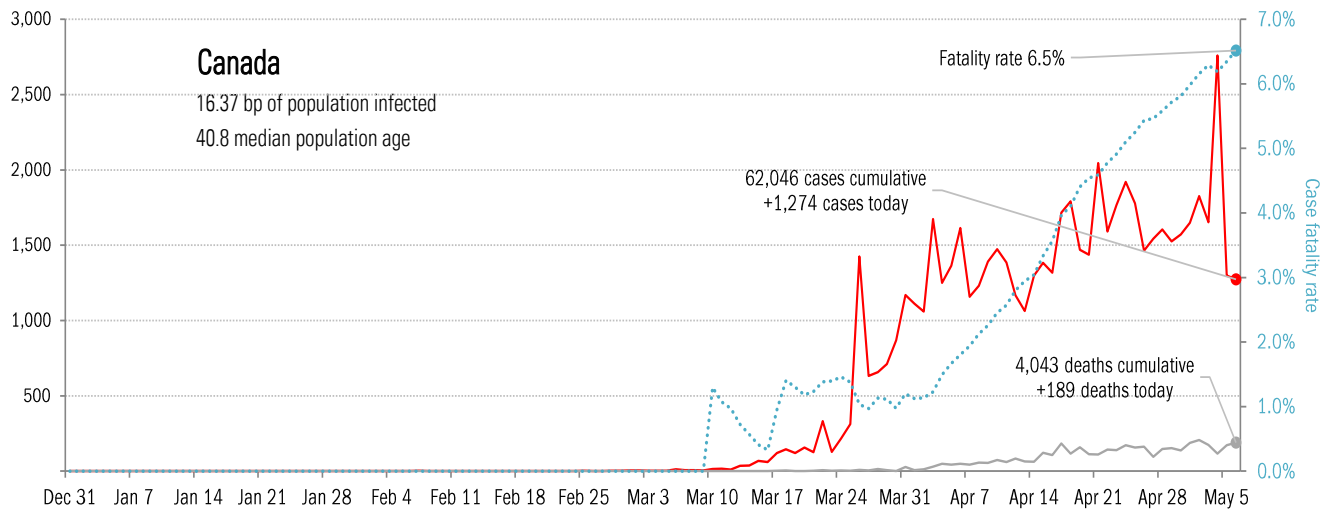
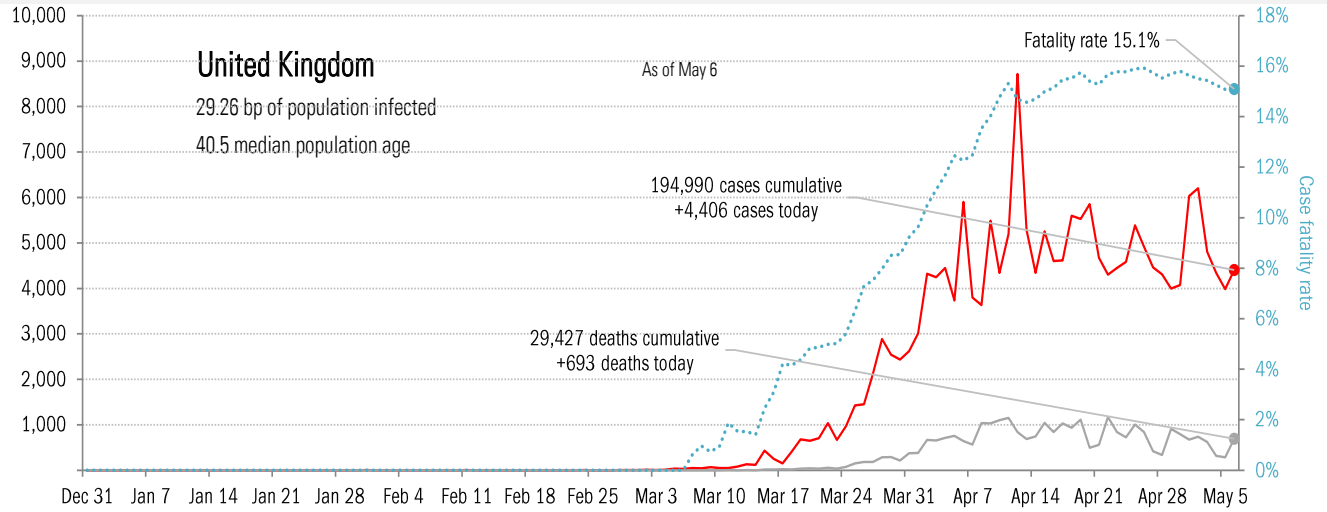
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



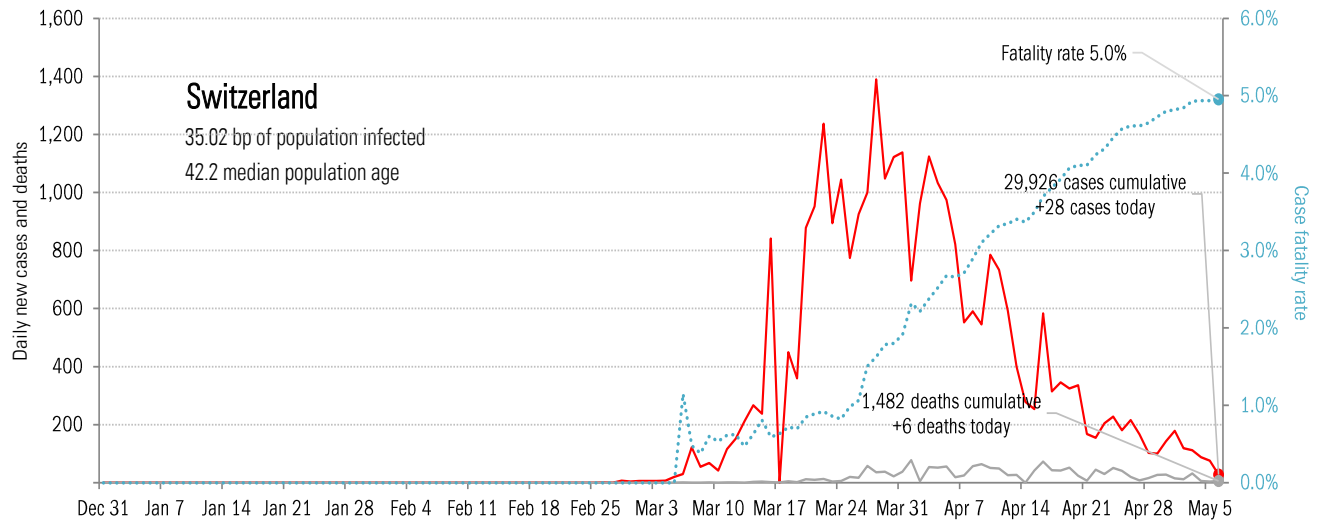
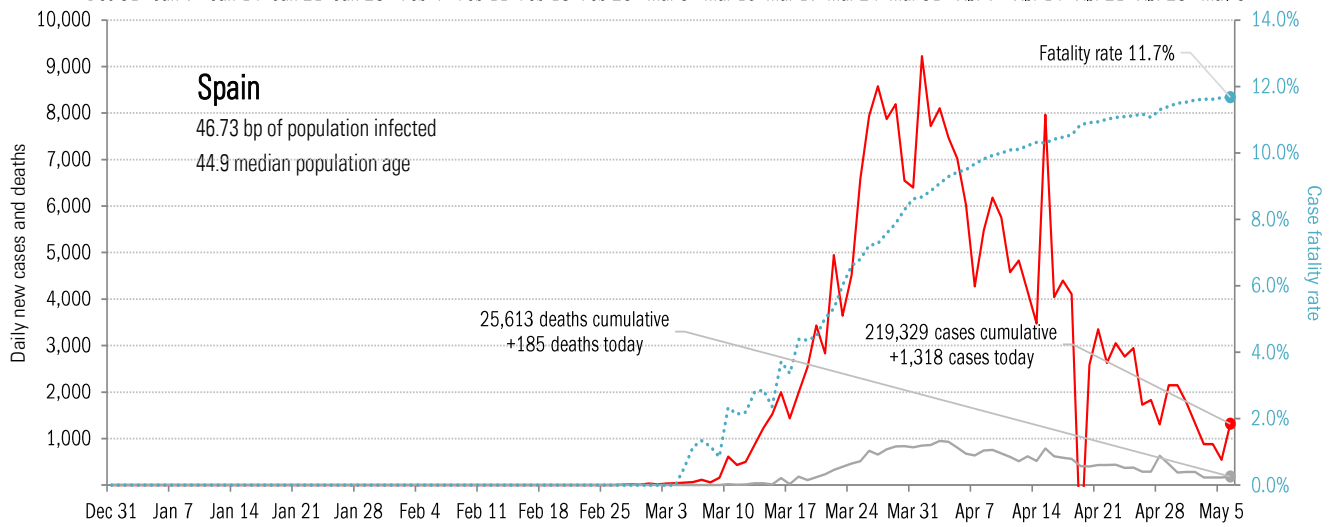
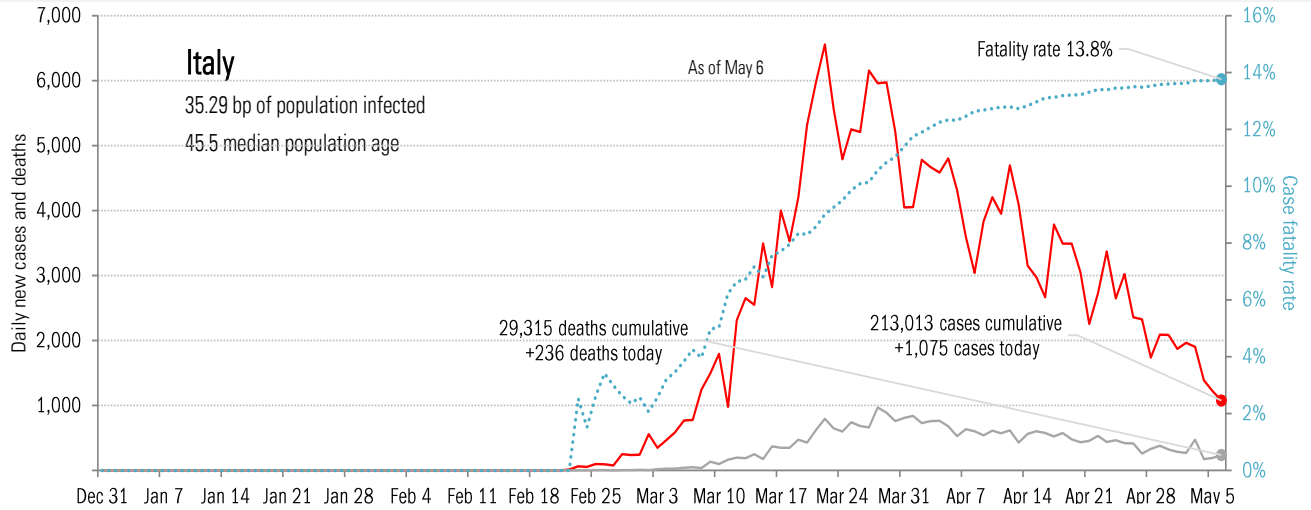
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



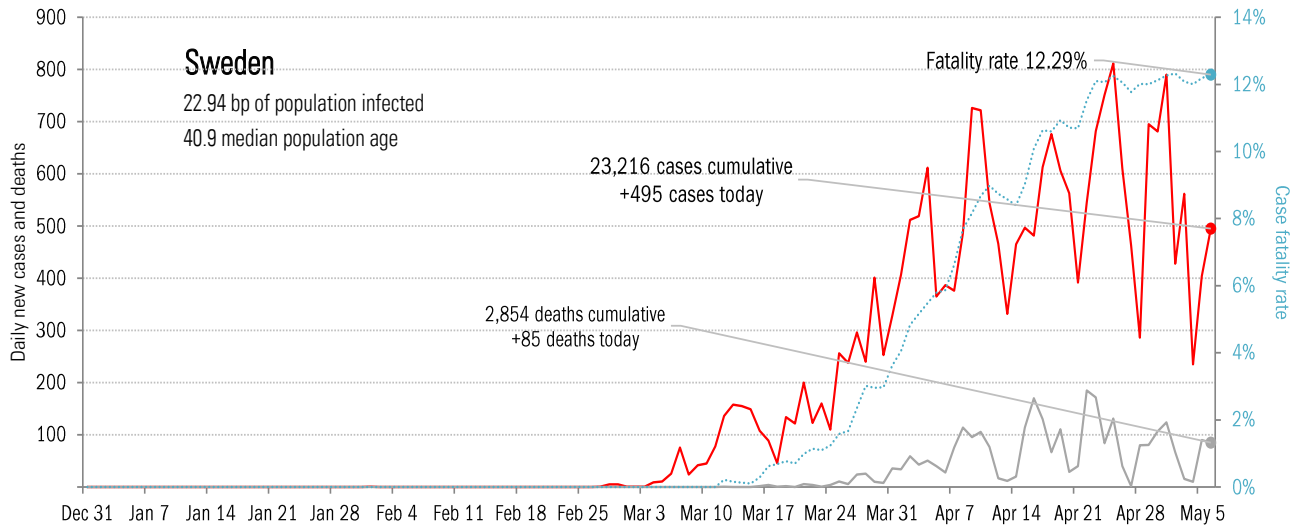
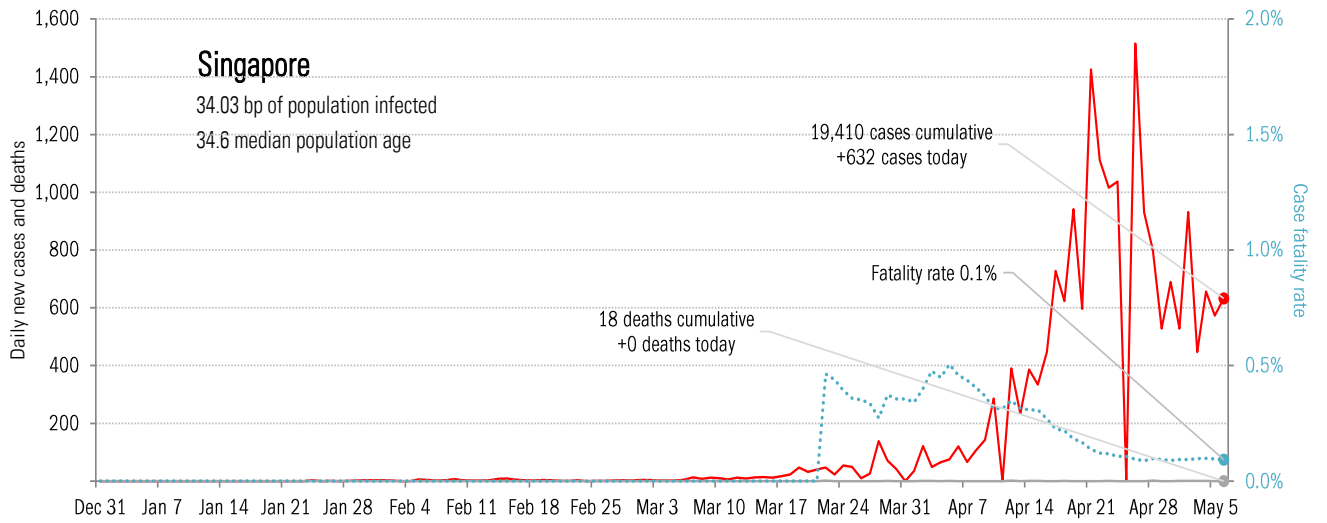
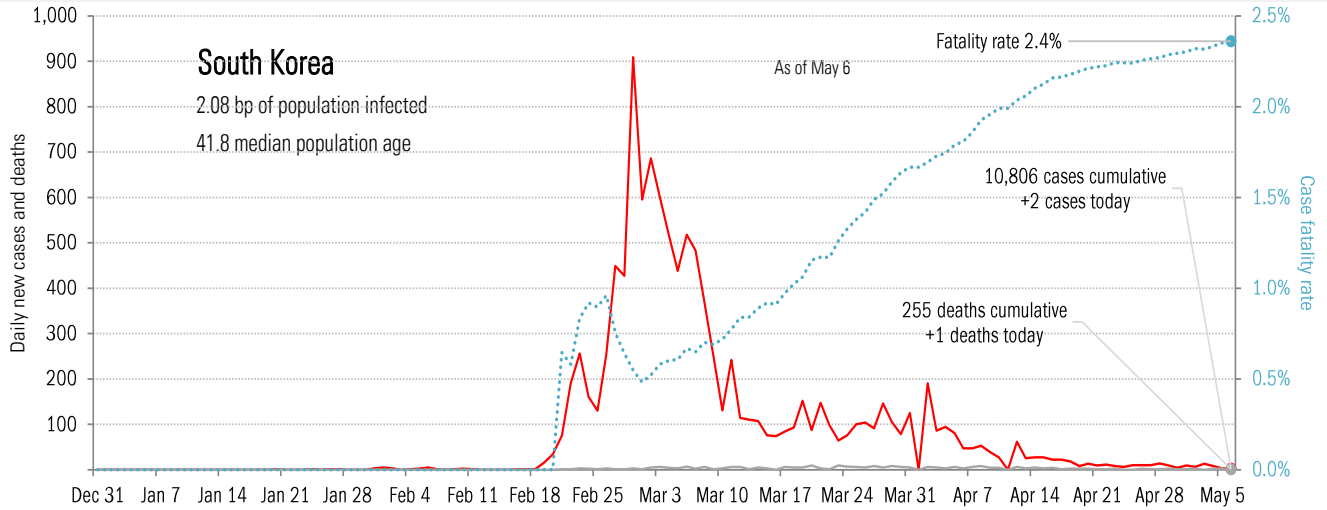
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



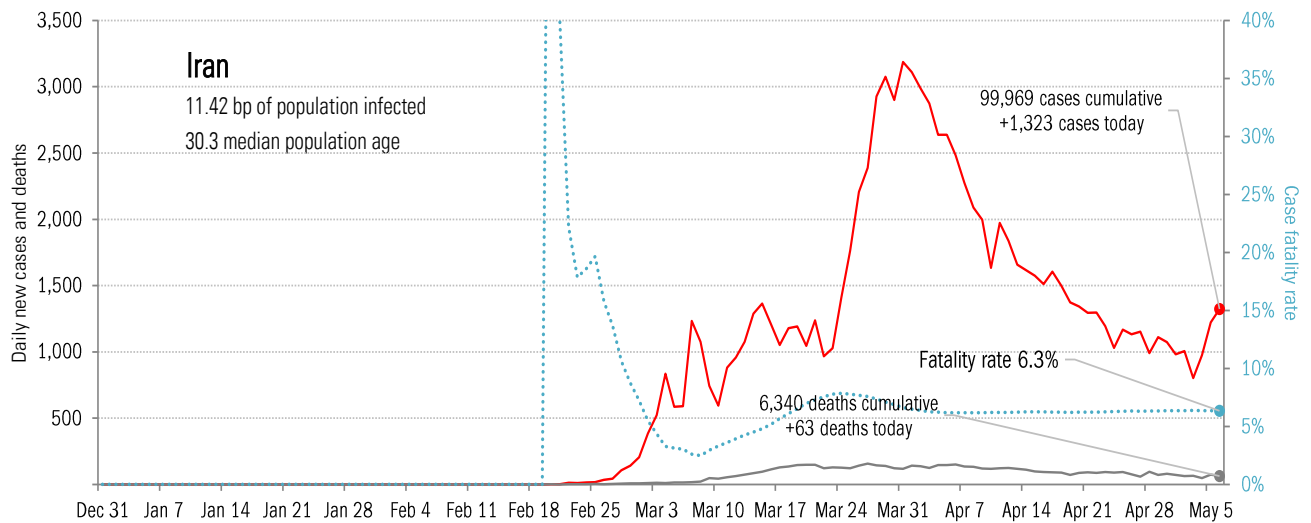
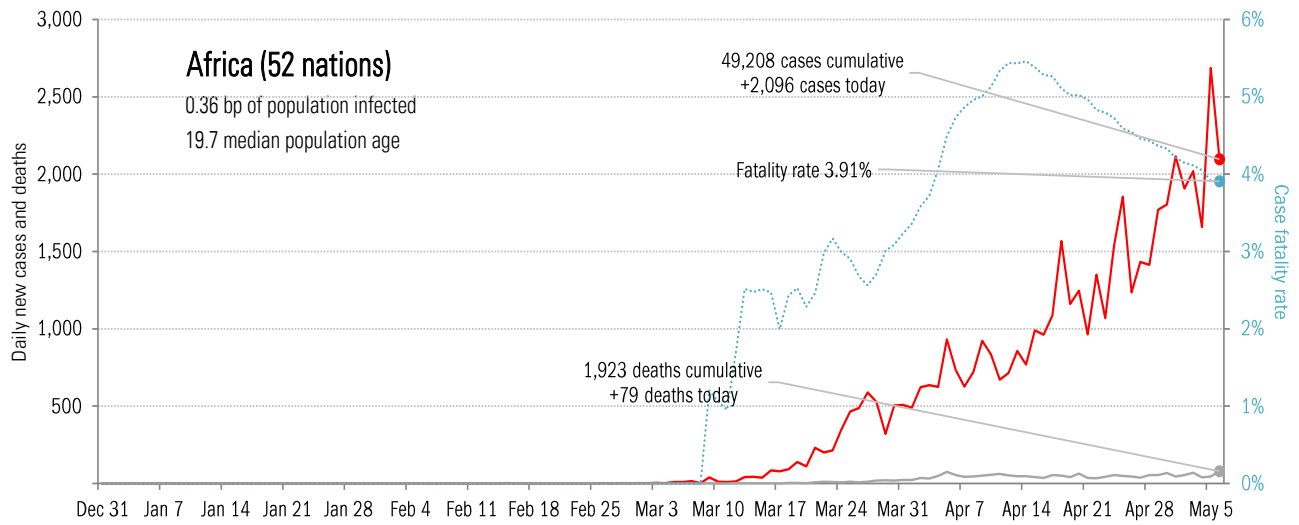
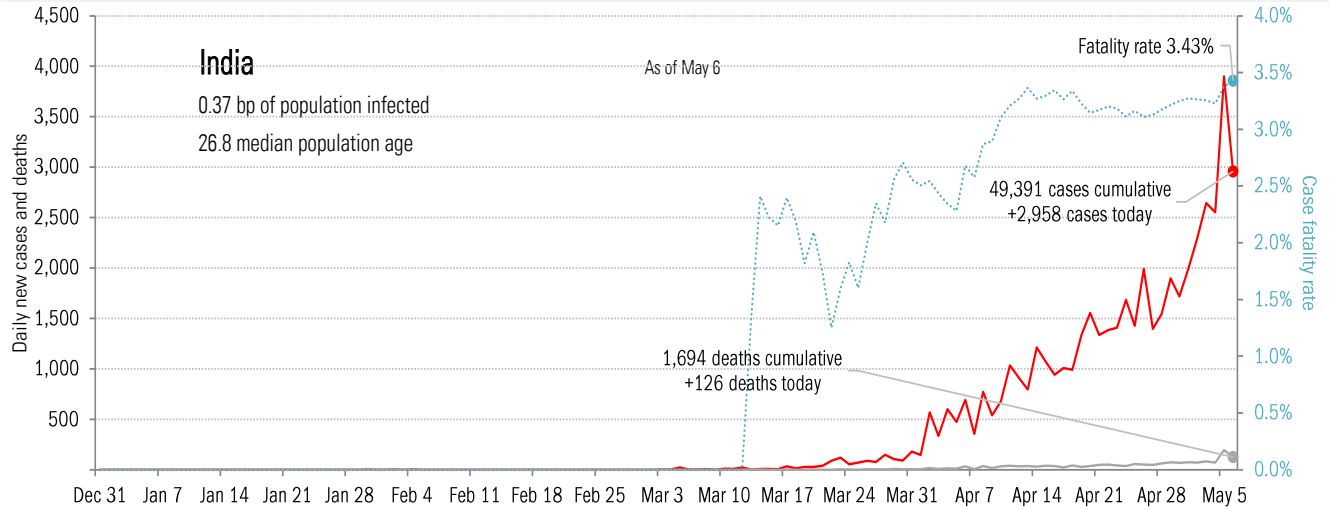
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

Impact in the fragile emerging world



Source: [ECDC](#), TrendMacro calculations